WWW.That and the state of the s	UST Inspection Checklist								
		a	RT I. OWNER/OPE	II				_	
1. Facility Name:			18		. ,		6/2:~	-	
2. Owner: <u>Fe</u>	derared	(on t		R S	Departure (Time)			- 81	
3. Operator:				9. Facility Add	ress: <u>925</u>	South	Hay 475	-	
5. Contact Person	: Carol	Westli	rd .		Isle,	mN		_	
6. UST Site Phone	e#: 3a0-	676-38	65	10: Team Mem	bers: <u> </u>	Hansen	6342		
Market State Control of the Control			PART II. UST SI	TE INFORMATION	Caro	West 1:	ng		
1. Tank #:		2	(3)	4	5	6			
2. Tank Type:	STUPY -					***************************************	ATTERISTICATION AND ADDRESS OF THE PROPERTY OF		
3. Piping Type:	Wropp	1 Steel		**************************************	#M000000000000000000000000000000000000	***************************************	400000000000000000000000000000000000000		
4. Size of Tank:			6K		45	***************************************	***************************************		
5. Tank Contents:	Rosul	midul	Prenu	Darl	Duel	***************************************	400000000000000000000000000000000000000		
6. Install Date:	4/9/90						•		
7. TTT Date:									
8. LTT Date:									
9: LD (Tank):	ATG(G	ilharco	3 <u>50)</u> <u>E</u> n	1C	**************************************	***************************************	99.000000000000000000000000000000000000		
10: LD (Pipe):	ATG	C<	i e		****	40:0000000 halaman	497/9944		
11. Closure Date :	Function	n Test	- 1,2,3	4.5 DA	-55 Co	rduckel	8/07/13		
			Perm Temp				9 g		
12. Spill:	YesNo	YesNo	YesNo	Yes No	Yes No	Yes No	Yes_No_		
13. Overfill:	YesNo	Yes_No _	Yes No	YesNo	YesNo	Yes No	Yes No		
ROUTINE	ANNUA	The state of the s		7-201	***************************************	400000000000000000000000000000000000000			
14. CP (Tank): Date:	Yes X No	Yes KNo _	Yes KNo_	Yes No_	Yes XNo	Yes No	Yes No		
Туре:		<u> </u>	ed Co	creak	00-000-00-00-00-00-00-00-00-00-00-00-00	P455 (58	e attacked	4	
15. CP (Piping):	YesNo	Yes_No	Yes_No_	Yes No	Yes No	Yes No	Yes No		
Date:	8/7/20	13				P455			
Type:	Mon		Star /	Pendins	12	effecte			
16. CP Monitoring 6 Mo./3 Yrs:			alvanic Anodes and Ir Yes No		ems)] Yes No	Yes No			
Note Monitorii	ng conducted within s	ix month of installat	on and three years aft Yes No	er initial monitoring.	[280.31(b)(1)] Yes No	Yes No			
Note: Monitoria Records:	ng conducted within s	ix month of any repa	irs to UST system. [2 Yes No	[80.33(e)]		Yes No	4		
	on file of last two mor			* ************************************	TAN	1 VJ 1 1 VJ	. 1 63 140		
17. CP Monitoring			Yes No	Vac Na	Vac Na	Var Ma	Voc. M-		
Note: System is Records:	inspected ever 60 da	ys, involvers reading	and recording system	s voltage and ampera	ge. [280.31(c)]	Yes No	*		
	on file of last three vo	res <u>No</u> ltage and amperage i	Yes No eadings. [280.33(d)(Yes No	Yes No	Yes No	Yes No	And a second	
31/2008)					Name and the second sec				

UST Inspect	ion Checklist
PART III. RECOMMENDATION	N(S) & NARRATIVE COMMENTS
1. Further action is recommend/necessary: Yes No	5. Notice of Violation (NOV): Yes No Date:
Notes:	Notes: [If Yes, A Full Narrative Report <u>is</u> required along with this checklist]
2. Facility to provide info. on compliance: Yes No X	6. Field Citation (FC): Yes No Date:
Notes:	Notes:
rous.	[If Yes, A Full Narrative Report is required along with this checklist]
3. Follow-up inspection recommended: Yes No X	7. Administrative Order (AO): Yes No Date:
Notes: [If Yes, state reason(s) why.]	Notes: [If Yes, A Full Narrative Report is required along with this checklist]
4. Information Request Letter (IRL): Yes No 🔀 Date:	8. Refer to State: Yes No Date:
Notes:	Notes:
[If Yes, A Full Narrative Report is required along with this checklist]	[If Yes, A Full Narrative Report may be required along with this checklist]
9. Financial Responsibility (FR): Yes 🔀 No Expiration Date	
10. Inspector's Remarks: Worked with Carol	to show her how to get
10. Inspector's Remarks: Worked with Carol monthly - 2 gph line fest	is us annual eight line fest
- informe of Curol unleaded p	remium spill bucket on top had crack
(need to replace) a little prod. < 1/2" u	1 2 spill buckets (drese 1 #1 ##2) and u bolt
11. Additional Remarks/Comments:	Tank Tightness on Oshenvalve need
<i>C</i>	
	1 7 3 4 5
0+31	2012 Pass
	2012 Pass
Dec 3	1 Zota Pass
Jan	31 Pass
*	28 Pass
Marc	
- Apr	30 Pass
Ma	
	131 Pass
Au	a.31 Pass
56	pt 30 Pass
Oc	t. 29 Pass
Swort Herry On-	230,2013
Inspector Signature	Date

ISLE FEDERATED COOP 925 HWY.47 SO. ISLE.MN.56342 320-676-3103

OCT 30, 2013 11:21

WPLLD LINE LEAK TEST RESULTS

W 1:UNLEADED

3.0 GAL/HR RESULTS:

LAST TEST: OCT 30, 2013 11:15 PASS

NUMBER OF TESTS PASSED PREV 24 HOURS: 70 SINCE MIDNIGHT: 27

0.20 GAL/HR RESULTS:

OCT 30. 2013 0:39 PASS OCT 25. 2013 6:01 PASS OCT 21. 2013 23:26 PASS OCT 17. 2013 1:40 PASS OCT 12. 2013 0:08 PASS OCT 9. 2013 5:30 PASS OCT 3. 2013 22:19 PASS SEP 29. 2013 22:08 PASS SEP 25. 2013 22:00 PASS SEP 23, 2013 4:25 PASS

0.10 GAL/HR RESULTS:

 JUL 27, 2013
 3:39 PASS

 JAN 24, 2013
 4:39 PASS

 JUL 18, 2012
 21:41 PASS

 JAN 17, 2012
 2:12 PASS

 JUL 13, 2011
 0:32 PASS

 JUL 3, 2011
 2:06 PASS

 JUL 8, 2010
 2:17 PASS

 JUL 8, 2010
 2:17 PASS

 JUN 27, 2013
 21:48 PASS

 JUN 24, 2012
 22:05 PASS

 JUN 22, 2011
 15:43 PASS

 JUN 22, 2011
 12:10 PASS

 DEC 20, 2010
 8:50 PASS

 JUN 17, 2010
 20:27 PASS

 JUN 17, 2010
 20:27 PASS

 JUN 27, 2013
 21:48 PASS

 JUN 24, 2012
 22:05 PASS

 JUN 22, 2011
 12:10 PASS

 JUN 17, 2010
 20:27 PASS

 JUN 17, 2010
 20:27 PASS

 JUN 18, 20:4
 20:4

 JUN 29, 20:1
 12:10 PASS

 JUN 17, 20:0
 20:27 PASS

 JUN 18, 20:0
 20:20:27 PASS

 JUN 19, 20:0
 20:27 PASS

 JUL 27, 2013 3:39 PASS JAN 24, 2013 4:39 PASS

ISLE FEDERATED COOP 925 HWY.47 SO. ISLE.MN.56342 320-676-3103

OCT 30, 2013 11:22

WPLLD LINE LEAK TEST RESULTS

W 2:PREMIUM UNLEADED

3.0 GAL/HR RESULTS:

LAST TEST: OCT 30, 2013 11:17 PASS

NUMBER OF TESTS PASSED
PREV 24 HOURS: 2
SINCE MIDNIGHT: 2
SINCE MIDNIGHT: 1

0.20 GAL/HR RESULTS:

OCT 25, 2013 13:00 PASS OCT 21, 2013 11:44 PASS OCT 17, 2013 13:06 PASS OCT 11, 2013 14:11 PASS OCT 7, 2013 15:03 PASS OCT 3, 2013 14:35 PASS SEP 29, 2013 21:51 PASS

0.10 GAL/HR RESULTS:

ISLE FEDERATED COOP 925 HWY.47 SO. ISLE.MN.56342 320-676-3103

OCT 30, 2013 11:22

WPLLD LINE LEAK TEST RESULTS

W 3:SUPER UNLEADED

3.0 GAL/HR RESULTS:

LAST TEST: OCT 30, 2013 9:03 PASS

0.20 GAL/HR RESULTS:

OCT 29. 2013 18:16 PASS OCT 25. 2013 15:42 PASS OCT 21. 2013 14:19 PASS OCT 17. 2013 19:35 PASS OCT 13. 2013 15:47 PASS OCT 9. 2013 18:58 PASS OCT 5. 2013 12:00 PASS OCT 1. 2013 15:01 PASS SEP 29, 2013 21:51 PASS SEP 25, 2013 10:46 PASS SEP 21, 2013 9:19 PASS SEP 15, 2013 15:23 PASS SEP 27, 2013 16:35 PASS SEP 23, 2013 11:17 PASS

0.10 GAL/HR RESULTS:

MAY 28, 2013 12:08 PASS NOV 25, 2012 14:28 PASS MAY 23, 2012 16:20 PASS NOV 21, 2011 19:05 PASS MAY 22, 2011 0:50 PASS NOV 20, 2010 8:57 PASS MAY 18, 2010 13:23 PASS NOV 15, 2009 13:38 PASS MAY 15, 2009 6:45 PASS MAY 15. 2009 6:45 PASS NOV 10, 2008 23:39 PASS

ISLE FEDERATED COOP 925 HWY.47 SO. ISLE.MN.56342 320-676-3103

OCT 30, 2013 11:22

WPLLD LINE LEAK TEST RESULTS

W 4:DIESEL NO.2

3.0 GAL/HR RESULTS:

LAST TEST: OCT 30. 2013 10:27 PASS

NUMBER OF TESTS PASSED PREV 24 HOURS : 9 SINCE MIDNIGHT : 3

0.20 GAL/HR RESULTS:

OCT 29, 2013 18:59 PASS OCT 25, 2013 10:43 PASS OCT 21, 2013 21:37 PASS OCT 17, 2013 17:22 PASS OCT 13, 2013 20:50 PASS OCT 5, 2013 11:03 PASS OCT 5, 2013 11:03 PASS OCT 1, 2013 9:51 PASS SEP 27, 2013 11:51 PASS SEP 23, 2013 8:32 PASS

0.10 GAL/HR RESULTS:

JUL 21, 2013 21:12 PASS JAN 18, 2013 17:54 PASS JUL 18, 2012 17:49 PASS JAN 14, 2012 19:52 PASS JUL 15, 2011 0:51 PASS JAN 11, 2011 21:27 PASS JUL 11, 2010 11:59 PASS JAN 6, 2010 19:20 PASS JUL 4, 2009 14:38 PASS JAN 1, 2009 16:38 PASS ISLE FEDERATED COOF 925 HWY.47 SO. ISLE.MN.56342 320-676-3103

OCT 30, 2013 11:21

WPLLD LINE LEAK TEST RESULTS

W 5: PREMIUM DIESEL

3.0 GAL/HR RESULTS:

LAST TEST: OCT 29, 2013 14:45 PASS

NUMBER OF TESTS PASSED PREV 24 HOURS : 2 SINCE MIDNIGHT : 0

0.20 GAL/HR RESULTS:

OCT 29. 2013 16:51 PASS OCT 25. 2013 13:23 PASS OCT 19. 2013 13:13 PASS OCT 13. 2013 9:21 PASS OCT 7. 2013 21:06 PASS OCT 3. 2013 10:41 PASS OCT 3. 2013 19:14 PASS SEP 27. 2013 19:18 PASS SEP 28. 2013 20:11 PASS SEP 19. 2013 18:46 PASS SEP 15. 2013 13:31 PASS

0.10 GAL/HR RESULTS:

SEP 13. 2013 23:04 PASS MAR 11. 2013 15:08 PASS SEP 8. 2012 9:57 PASS MAR 6. 2012 22:05 PASS SEP 4. 2011 23:32 PASS MAR 4. 2011 18:07 PASS SEP 1. 2010 12:27 PASS FEB 25. 2010 19:45 PASS AUG 25. 2009 16:58 PASS FEB 20. 2009 22:12 PASS



520 Lafayette Road North St. Paul, MN 55155-4194

UST Cathodic Protection System Evaluation Impressed Current Type

Underground Storage Tanks (UST) Program

Doc Type: Compliance Certification

Instructions: Within 30 days, send completed form to Joann Henry, Minnesota Pollution Control Agency (MCPA) at the address above, fax to 651-29⁷-2343, or e-mail joann.henry@state.mn.us.

All reports must be submitted regardless of results (pass, fail, or inconclusive) incomplete, unsigned, or illegible forms will not be accepted and will be returned.

- MPCA Site ID #: 2. UST owner/operator 1. UST facility Name: Federated Coop Name: Federated Coop Serv/ces Address: 925 Hwy 47 Address: 502 S. 2nd St. Zip code: 56342 City: Princeton City: Isle State: MN Mille Lacs Phone: 320-676-3103 Zip code: 55371 County: Phone: 763-287-0904 Contact name (if different than above): Contact phone: 3. Cathodic Protection (CP) tester information and qualifications Tester name (print): Jon Bendorf Company name: Minnesota Petroleum Address: 682-39th Ave. NE City: Columbia Heights State: MN Zip code: 55112 Phone: 763-780-5191 E-mail: Jbendorf@mnpetro.com National Association of Corrosion Steel Tank Institute (STI) certification #: CP-91512 Engineers (NACE) international certification #: 4. Reason survey was conducted (check only one) Routine - Annual Routine - within 6 months of install 30-day re-survey after fail Re-survey within 6 months of repair/modification Date next CP survey must be conducted by (mm/dd/yyyy): 8/7/2014 (Required within 6 months of install or repair, and annually thereafter.) 5. CP tester's evaluation (check only one) All protected structures at this facility pass the CP survey and the continuity survey indicates all protected structures are continuous. It is judged that adequate CP has been provided to the UST system (Complete sections 7 and 8). ☐ Fail One or more protected structures at this facility fail the CP survey, and it is judged that adequate CP has not been provided to the UST system. (Complete sections 7 and 8). Inconclusive Stray current may be affecting one or more of the protected structures, or the tester cannot conclusively determine a pass or failing test result based on irregular test results. (Corrosion Expert to complete section 6). CP Tester Signature: Date CP survey performed (mm/dd/yyyy): 8/7/2013 6. Corrosion expert's evaluation (if applicable) The attached survey must be conducted and/or evaluated by a corrosion expert when: a) supplemental anodes or any repairs of the impressed current system are made; b) current output changes are made to the rectifier; c) the continuity survey indicates one or more of the protected structures are not continuous; d) stray current may be effecting protected structures; e) when required by MPCA (Corrosion Expert to complete sections 7 and 8). All protected structures at this facility have been judged that the adequate CP is provided to the UST system. ☐ Pass One or more protected structures at this facility fail the CP survey and it is judged that adequate CP has not been provided to the Fail Corrosion expert's name (print);
- 7. Criteria applicable to evaluation (check all that apply)
 - Structure-to-soil potential more negative than -850 mV with the protective current momentarily interrupted. ("Instant Off")

NACE Int./PE certification #:

2 100 mV Structure tested exhibits at least 100 mV of cathodic polarization. ("Instant Off" readings minus native /depol readings)

Company name:

NACE Int./PE certification:

CP Expert Signature

Date (mm/dd/yyyy):

Faci	lity name:	Federated Coop		***************************************	***************************************	***************************************		Date	of test (mm/	dd/yyyy):	8/7/2013	
		(Note. The facility i	name and	date of t	est will auto	matically	oopulate i	rom page	one, if filled oi	ıt electron	ically.)	
8.	Action r	equired as a res	cult of th	hie avs	aluation /	check on	lv one)					
Q.	⊠ None	*			-			Test anain	by no later th	ian (see si	ection 4).	
	☐ Retest					*		-	·=			s may occur only
	T BACKCOK				ctures are c							
	☐ Repair	& Retest CP is not	adequate.	Repair/	modification	is necess	ary within	the next 6	60 days, or pe	rmanentiy	close the t	ank system.
9.	Impress	ed Current rect	ifier dat	a								
Rect	ifier manufa	acturer: Cathodic R	ectifiers In	IC.	Mode	el: ACP		***************************************	Serial	#: 10703	0711	
Rate	d DC outpu	it: 24 volts	15 a	mps F	Rectifier out	out as des	igned or I	astly recon	nmended (if av	/ailable):	voits	amps
	Event	Date (mni/dd/yyyy)	Cou	Tap se	ttings Fine		DC ou	tput Amps	Hour met	er	Con	ıments
44.8	p=										e Provincianis de Primeiro de	
and the second	Found"	8/7/2013	C	and the second s	2	16.5		6.0				
"As	Left"	8/7/2013 If rectifier output set	C tings are n	nodified	2 corresion	16.5		i,0	and conrove	the modif	cations by	cionina section 6
	14046.	n recin si caipai aci	anys are n	noumeu,	a comodiom	CAPCII III	101 00 001	OUNCE MO	and upprove	ino modili	CBROTTS Dy	aigining accitori o
10.		ed Current posi										
	Complete i	f the system is desig	ned to allo	w such i	measureme	nts (e.g., i	ndividual	ead wires	for each anod	le are inst	alled and si	nuts are present).
	Circ	uit 1	2	3	4	5	6	7	8	9	10	Total amps
	Anode	(+)			Adingentichen						and the same of th	
	Tank/P			emininasyjk filjasyda sysökkanyyssyyyyyyyy			-					
	1 (3139/17)	PE VI		***************************************		1	1				<u></u>	
11.	CP syste	em repairs and/	or modi	ficatio	n informa	ation						
	Date of "fai	lina" tes::		Date of	repair:		R	enair comn	anv.			
		(mm/dd	/уууу)		(n	nm/dd/yyy	y)	alament amenda	pany:	**************************************		
	Name of le	ad repai: technician:							Phone	#		
	Certification	of repair technician	(check all	that ann	ılv)· □st	eel Tank li	etitute	□ NACE				-30%
		nit failing test results			y/. L1 G	mm. 1 m111 11	2 C.P ET & G-05 E Gas	L. 1873-0-	LJ WI ON GO	ոսոշպ ցար	CIAIONI	
	IANEC. SUUII	iii raiiirig teat resulta	ANICII IIII I L	σμυπ								
	Descript	ion of repairs (c	heck all th	at apply))							
		les for an impressed		,		renlaced	Renai	re /modific	ations for 1-4	must be d	raianad bu	en Handa kanan minus
****	······	ir or replacement of	······································			·	expen	". Attach c	orrosion expe	rts design	sogneu by specificatio	a currusiuri Dris.
		nuity was establishe	~~~~~~~~~~		ww		Retes	ts after rep	airs/modificati	ions are m	ade must b	e evaluated by
		fier was repaired or r		un proc		# G3	─ the co	rrosion exp	pert to assure be signed by a	the systen	n is functio	ning properly
****				* * /2	* * * * * *							
		fier output was modif									section 6).	
	Remarks/O	ther:								N48		
-	Made 2000-th-200000-1-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1	***************************************		······································					**************************************			

			1				***************************************		**************************************	***************************************		
			······································	***************************************			Annual Control of the				······································	
12.	Impresse	ed Current struc	ture to	soil po	otential s	urvey						
	• Half C	ell Placement (tes	ting) on f	rozen s	oil, concre	ete, asphi	alt, or ot	ner pavini	g materials i	s not acc	eptable	
•	The ha	alf cell must be place	ed locally	in the s	oil directly d	over the s	Iructure t	einn tacte	rl A minimu		a balf aal	locations
	pertai	nk, and three hair (cell locati	ions pe	r bibina ru	n are reo	uired Th	a three loc	ations must be	00 00 000	ahe diatrib.	should be a super Alberta
	guidan	ted structure, and a ice document for de	tailed disc	cussion	of electrode	ioue as p e placeme	raciicai. (ent.)	Refer to ti	ne MPCA cat	hodic pro	ection eva	lluation
	When	testing liex connect locally in the soil di	ors in con	tact with	n an electro	ivte. one	, tests po	int is requ	ired for eac	h flex co	nector w	ith the half cell
6	Both "(DN" and "Instant Off	™ potentia	l readin	os are reou	ired at ea	ch half c	eli placem	ent. Each ha	ilf cell loca	ation muses	meet the
	III Julia	ir Oil hiveliliai ni-o:	OU IIIV UI I	more ne	gative, or ti	ne 100 m	v polanzi	ation criter	ion must be :	satisfied in	order to	Dass,
•	Crieck	polarity (+/-) when t	aking rea	oings ar	na pe sure (to record	them pro	perly				

Facility name: Federated Coop Date of test (mm/dd/yyyy): 8/7/2013

(Note: The facility name and date of test will automatically populate from page one, if filled out electronically.)

Half cell site map code	Structure tested	Structure contact point	Reference cell placement	On voltage (mV)	Instant off voltage (mV)	Native/ depoi (mV)	mV polarized	Pass/ Fail/Inc
(example)	(exemple) Tank 1 (premium)	(example) Tank bottom	(example) Soil @ Prem STP manway	(example) -1070 mV	(example) -875 mV			(exemple) Pass
(example)	(example) Pipe 2 (diesel)	(example) Dispenser 7/8	(example) Soil @ Diesel dispenser 7/8	(example) -810 mV	(example) -680 mV	(example) -575 mV	(exemple) 105 mV	(exemple) Pass
2	TANK!	TANK	Soil OVER TANK	1935	1200			P.455
2,		1	and have been seen as the contract of the cont	1714	1196	4,,		1
3	20,000,000 mm or 10,000 mm or 10,000 mm or 10,000 mm or		and the second second and the contract of the	1603	896			
~/	TANK-Z ARRIVA		ocception in the contract of t	2036	984			
··· · · · · · · · · · · · · · · · · ·	1		gaareillijke grijgen voor in meet in Santon voor maakstijn nieuwe — — — — — — — — — — — — — — — — — — —	1401	963		The suppose of the state of	
. <u> </u>				2040	1167		====	and a recommend of the second
	TONK -3 par		ngan gang pagangan di Proposition (1900) dan katalah dalah d	1871	958		***************************************	***************************************
8	1		appen delenhance in the contract of the contra	12/5	891			the state of the s
<u>9</u>			alliande de descrito in trino cama (an in - manamentra a construir de económico — — e chimilipar anticidade a mateira de construir de construir de la construir de construir d	2056	1037			and the second
10	70v4-4 05612		yaniiliya aalikaalikiitakkii kilo ka hadi goodi kasariikii ti tittii sarada areentari aasaa ka ka ka ka ka ka k	1433	874			
11	1		anginganan makambilah dang mang menjakilik dalam dan oron salih basa terusa dalam dan mengen menjan	1546	911			
12			ikidaan maka hala ka	2016	933			
13	7AVR - 5 PRG 056		alaciditacia di indicesso del conservisto de la commente que em materia en el mentre attractivo de escribación	2/6/	913			
14	1 245 42 400			1995	917			namananan katalahahan manana
15	7	1	ala, mai ambalah milainn disemu	2009	1248			Management of the Column of th
16	DIFING.	PIOR &	Son our PIPE	1801	970			
17		1	isaasiinnaksiinnassi seniin suurummin siisin in siin varaanassa sii seraamaa Meerafi suurumffigaan maissa aanma 	2152	1041			***************************************
18	1			834	692	566	126	
19	L	L		843		572	129	
ng-langs of figures			aket Henri da kunnna sundan matem da kina kanta da ata satu matem — mada ma mahaka matem da kanta satu ata da ata satu matem mana kanta da ata satu matem da kanta satu ata da ata satu matem da kanta satu da ata da ata satu matem da kanta satu da ata da ata satu matem da kanta satu da ata da ata satu matem da kanta satu da ata da ata satu matem da kanta satu da ata da ata satu matem da kanta satu da ata da ata satu matem da ata da ata da ata satu matem da ata da			**************************************		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			attillisestävailikuutakonniisesteen ova valtoonaasalaksen senatillisulikuuta muutiilikkilin valkakses – ark – eerak _{us} e _{eer} apa.			er-rectionative and the con-		tildingsjoch kalamolamus (g.) prosentratum timet (- -
	and the second s		точнором Синтейник иноболек и изироробую (донурго н. 24 дарина, 4. пака	occidenta de publicacion de de servicio de la composição de la composição de la composição de la composição de				The Control of the Co
			ggeogles ander 1995 a.m. 13 men milligg of the Vision Agustin - 18 mark in a construction of the Part - 1994 a.m. 12 februaries					all and a substitute of the subsequently of the suppose.
			errikkin (international) (international) in <mark>audituratuuringuuduuduuduuduuduuduuduuduuduuduuduuduud</mark>					material (COL) and a constitution of the last representation of the last re
Marian and Control of the Control of			. В применя в на применя на применя на применя на предоставления на применя на примена на применя					Maring days through the state of the state o
	- Sandadadada mengap gap hidari		antillioo hildankiirid oo ka		***************************************			inividualessesses i constitui de la constitui
4444			1864-bir dala ani mandata tahun 1964-bir dala dilanda danadi saba,		and the state of t	person to the fernician and in		en men e a a distinua con considera escentrata di distretto
	Andre state and the control of the c		COMMENTS:	1	britishaanii ilaanii i		Alfra commence entre service de la circa	· · · · · · · · · · · · · · · · · · ·
		NIIIIVARIAIIIIVO O-CAPARO VANIIIII AA NIIIVA OONIIIIIVAANAA			***************************************	and the state of t	~~~	The state of the s
	The state of the s				**************************************		PROCESSION OF THE PROCESSION O	distribution and the second

www.pca.state.mn.us • t-u5-06 · 3/21/12

(Note. The facility name and date of test will automatically populate from page one, if filled out electronically.)

13. Impressed Current continuity survey (Point-to-Point Method)

- Point-to-Point: When conducting this method, the rectifier must be turned off, and is recommended the negative cable should be disconnected from the rectifier. The leads of the volt meter are required to contact the two structures being examined to demonstrate isolation or continuity. A half cell is not used for this test method.
- To interpret continuity data, compare the difference in voltage of the structures evaluated and use the following guidelines: 1 mV or less = continuous, 1-10 mV= inconclusive, greater than 10 mV = isolated.
- For impressed current systems, all metallic structures intended to be protected must be continuous with each other in order
- If other app oved continuity testing methods are used, alter this form or submit the data on a separate sheet.

Protected structure	Other structure ¹	Point-to-point voltage difference	Isolated/ continuous/ inconclusive
(ixample) Tank #1 (premium) tank bottom	(example) Tank # 1 (premium) fill riser	(example) 8 mV	(example) Inconclusive
(:xample) Tank #1 (pre nium) tank bottom	(exemple) Pipe #1 (premium) @ STP	(example) 1 mV	(example) Continuous
ALI TANK BOTTOMS	NEC-, OF RECTIFIEN	.000	Cours
ALL PIPINE	NEG. OF RECTIFIED	1000	V
			menthan share the charter is not the charter of the
			00000000000000000000000000000000000000
Additional to the second of th			eccentre van de van
			THE PROCESS OF THE PR
			тей-комментика и при при при при при при при при при п
			They are man shown to the state of the state
AND THE RESIDENCE OF THE PROPERTY OF THE PROPE			TRIMO 0000 00 to divigenzacioni in concrete accessiva con con contra de la constancia de la constancia de la c
			aattuuduksi kultuurin kapen keese rasanaan aan kultuu oo o
			макентекствення при

			м «Составляний метер «Составляний в предоставляний в предоставляний в предоставляний в предоставляний в предост
			the filter for the second section and additional and additional and the second second section and the section and the second section and the section and
			antimis signi ga
			and a state of the
			ear has earne an earne de garden sea de la company de la c
COMMENTS:			
		entretten en e	
1. Describe the "other" metallic structure that yo	ou are attempting to demonstrate is continuous or isolate	d.	үнт жашаат жатаажаан жоо ур түү оудоор 100000 байгаан аны ур 1894, улс атуун (1999) чулс охоо.

Attach additional sheets as needed.

(Note: The facility name and date of test will automatically populate from page one, if filled out electronically.)

14. Description of UST system

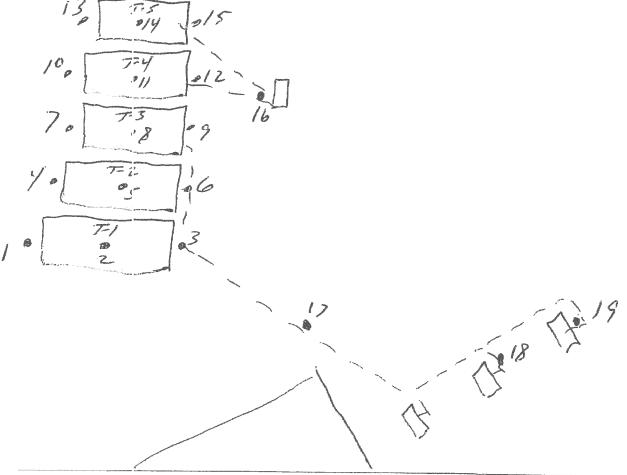
fank/ Pipe #	Product	Capacity (Gallons)	Tank type ¹	Piping type ²	Metal Segments at Tank sump ³	Metal Segments at Dispenser ³
1	REG-	12000	SW.STIR3	5W-5T	BUNDED TO 1C	BOUNG TO 1C
2	SUPER	10000	1			
3	PRE	6000				Limited States and Sta
4	052#2	6600	/			
5	PRE DIL	4000	V		<u>V</u>	
6						
Ex:	Premium	10,000	SW Bare Steel	SW Fiberglass	Bonded to IC system	In Containment

- Indicate if tank is Double Wall (DW) or Single Wall (SW). Also indicated type (e.g., steel, fiberglass, sti-P₃*, composite etc.). Also indicate if tank is compartmental if applicable
- 2. Indicate if piping is Double Wall (DW) or Single Wall (SW). Also indicate type (e.g., coated steel, fiberglass, galvanized, flex, etc.).
- 3. Indicate how metal segments such as flex connectors or metal pipe segments are protected from corrosion (e.g., isolated, booted, bonded, in containment, etc.)

15. UST facility sile drawing

Attach detailed crawing or use the space provided to draw a sketch of the UST and CP systems. At a minimum you should indicate the following: All tanks, piping and dispensers; Location of anodes and wires if known; All buildings and streets; Location of CP test stations; Each reference cell placement must be indicated by a code (e.g., 1,2, T-1,) corresponding with the appropriate test in Section 12 of this form. If supplemental anodes are added to the tank system, indicate number, size, location and depth of the new anodes. An evaluation of the CP system is not complete without an acceptable site drawing.

[Indicate North Here]



MONTHLLY RECTIFIER READING

DATE	ON/OFF	VOLTS	AMPS	READ BY
87-12	ON	16.0	4.0	JB - PRITED LP TEST - OK
8-31-12	ON	17.0	4.0	CW
9-27-12	ON	16.0	4.5	CW
10-26-12	ON	16.0	4.5	CW
11-3012	ON	16,0	4,0	ai
12-31-12		16.0	4.0	CW
1-29-13		17.0	3,0	CW
2-28-13	ON	17.00	3,0	cw
3-28-13	ON	17,00	3.5	(:0
4-30-13		10,00	4,5	cw
5-29-13	ON	16.50	5.0	CW
7-31-13	ON	16.50	5.5	cu
8-30-13	0N	16.50	4	cw
9-30-13	ON	16,00	6	ew
7 90 / 5		16.00	6	CW
		l l		
		, A		

Minnesota Petroleum Service



682 - 39th Ave North East Columbia Heights, MN 55421 Phone (763)-780-5472 www.mnpetro.com Sounned 96397

Mechanical / Electronic Leak Detection Certification

Location:				Special responsibility of the control of the contro
Federated Co	-		Work Order #:	21951
925 Hwy Isle N	47 S. IN 56342		Testing Date:	08/07/13
Ph. (320) 676-3103 Fx.				-
Sump #	1	2	3	1 4
Product	Reg	Pre	Super	DSL#2
Leak Detection Type	Veeder Root	Veeder Root	Veeder Root	Veeder Root
Model #	WPLLD	WPLLD	WPLLD	WPLLD
Opening Time	0		O	C
Operating Pressure	26	25	25	
Check Valve Pressure	20	21	22	20
Meter Pressure		0	O	
3.0 GPH Leak Detected	Pass	Pass	Pass	Pass
Votes				
echnician Jon Elend	dorf			Date: <u>8/7//3</u>

Minnesota Petroleum Service

682 - 39th Ave North East Columbia Heights, MN 55421 Phone (763)-780-5191 Fax (763)-780-5472 www.mnpetro.com a6397

Mechanical / Electronic Leak Detection Certification

Marie Cada - 46	
Vork Order #:	21951
Testing Date:	08/07/13
Date:	8/7/13
	Date

Scott Hansen

From: Don Kruschke [dkruschke@pump-meter.com]

Sent: Wednesday, May 30, 2012 4:02 PM

To: Scott Hansen
Cc: Bob Harrington

Subject: TLS350 programming

Hi Scott

I guess I have been out of the field to long!

I talked to my senior tech and it is not possible to program the TLS350 to automatically print the ELLD

monthly test results

It has to be done manually at the console but it is pretty easy using the steps listed below.

TO PRINT ALL PLLD TEST RESULTS:

In the Operating mode,

Press Function until you see the display below:

PRESSURE LINE RESULTS

PRESS <STEP> TO CONTINUE

then press Print:

I believe the guys are going to be doing the ELLD test this week they should have contacted you

Sorry about the miss information on the TLS350 auto printing I asked the tech's to show the manager how to do it

Thanks

Don Kruschke

Twitter: @pumpandmeter

